

Declaration, Power of Attorney and Petition

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

claimed and for which a par	ent is sought on the invention enti	tled	
SIGNAL PROCESSING A	APPARATUS AND METHODS		
the specification of which			
is attache	ed hereto.		
	on February 13, 2004 a	s	
Applicat	ion Serial No. 10/777178	3	
and amer			
	as PCT international application		
Number			
on			
	amended under PCT Article 19		
· on	(if applie	cable).	
we (I) acknowledge th	at we (I) have reviewed and under ended by any amendment referred he duty to disclose information known of Title 37 Code of Federal Regular	to above. own to be material to the patent	
for patent or inventor's ce country other than the Uni application for patent or in	eign priority benefits under 35 U.S rtificate, or §365(a) of any PCT ted States, listed below and have ventor's certificate, or PCT Interna- ty is claimed. Prior Foreign Appli	International application which also identified below, by check ational application having a filing	n designated at least one king the box, any foreign
Application No.	Country	Day/Month/Year	Priority Claimed
0304496.3	United Kingdom	27/February/2003	⊠ Yes □ No
			□ Ves □ No

(Application Number) (Application Number) (Filing Date) We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under §365(c) of an PCT International application designating the United States, listed below and, insofar as the subject matter of each the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, lacknowledge the duty to disclose information which is material tratentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. Application Serial No. Filing Date Status (pending, patented, abandoned) And we (I) hereby appoint the following registered practitioner(s): Customer Number 22850 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact a business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding the application be sent to Customer Number 22850 We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made information and belief are believed to be true; and further that these statements were made with the knowledge the willfulf false statements and the like so made are punishable by fine or imprisonment, or both, under Section 100. Title 18 of the United States Code and that such willfulf false statements may jeopardize the validity of the application or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Residence: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BSI 4ND, United Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BSI 4ND, United Kingdom	We (I) hereby claim the benefit under Tit application(s) listed below.	tle 35, United States Code	e, §119(e) of any United States pr	ovisional
We (1) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under §365(e) of an PCT International application designating the United States, listed below and, insofar as the subject matter of each the claims of this application is not disclosed in the prior United States or PCT International application in the manne provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filling date of the prior application and the national or PCT International application. Application Serial No. Filing Date Status (pending, patented, abandoned) And we (1) hereby appoint the following registered practitioner(s): Customer Number 22850 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact a business in the Patent Office connected therewith; and we (1) hereby request that all correspondence regarding the application be sent to Customer Number 22850 We (1) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the duty of the application or any patent issuing thereon. Name of First Or Sole inventor Michael Philip Firtton NAME OF FIRST OR SOLE INVENTOR Signature of Inventor Agg - 3 - 0 4 Existence: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom	(Application Number)	(F	Tiling Date)	•
PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manus provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filling date of the prior application and the national or PCT International filling date of this application. Application Serial No. Filing Date Status (pending, patented, abandoned) And we (I) hereby appoint the following registered practitioner(s): Customer Number 22850 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact a business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding the application be sent to Customer Number 22850 We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 tritle 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Signature of Inventor Application for United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom	(Application Number)	(F	Filing Date)	
And we (I) hereby appoint the following registered practitioner(s): Customer Number 22850 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact a business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding th application be sent to Customer Number 22850 We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements mad on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Residence: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, Unite Kingdom	PCT International application designating the L the claims of this application is not disclosed in provided by the first paragraph of 35 U.S.C. §1 patentability as defined in 37 CFR §1.56 which	United States, listed below the prior United States or 12, I acknowledge the duty became available betwee	and, insofar as the subject matter of PCT International application in the y to disclose information which is m	of each of e manner laterial to
Customer Number 22850 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact a business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding the application be sent to Customer Number 22850 We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or 100 for 100	Application Serial No.	Filing Date		ed,
business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding the application be sent to Customer Number 22850 We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Residence: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom	And we (I) hereby appoint the following t	Customer Number		
We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Residence: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom	business in the Patent Office connected therev	titution and revocation, to vith; and we (I) hereby re	prosecute this application and to tracequest that all correspondence regar	ansact all ding this
We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Residence: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom		Customer Number		
We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge the willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Michael Philip FITTON NAME OF FIRST OR SOLE INVENTOR Residence:c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom Citizen of:United Kingdom Mailing Address:c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, United Kingdom				
NAME OF FIRST OR SOLE INVENTOR 32 Queens Square, Bristol BS1 4ND, United Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, Unite Kingdom	on information and belief are believed to be tru willful false statements and the like so made at Title 18 of the United States Code and that such	rein of our (my) own know e; and further that these sta re punishable by fine or in	atements were made with the knowl mprisonment, or both, under Section	ledge that 1 1001 of
Kingdom Citizen of: United Kingdom Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, Unite Kingdom		Residence	e: c/o Toshiba Research Europe Lir	nited,
Citizen of: United Kingdom Signature of Inventor Mailing Address: c/o Toshiba Research Europe Limited, 32 Queens Square, Bristol BS1 4ND, Unite Kingdom	NAME OF FIRST OR SOLE INVENTOR	32 Queen	ns Square, Bristol BS1 4ND, United	
Signature of Inventor Mailing Address: <u>c/o Toshiba Research Europe</u> Limited, 32 Queens Square, Bristol BS1 4ND, Unite Kingdom	C AND THE	Kingdom	1	
Limited, 32 Queens Square, Bristol BS1 4ND, Unite Kingdom	MPTIT	Citizen of	of: United Kingdom	
(29 - 3 - 0 4 Kingdom	Signature of Inventor	_		
Kingdom	1 29-3-01), United
/ Date	Date 2-1-3-0-21	Kingdom	1	

Siew Chung LEONG	Residence: c/o Toshiba Research Europe Limited,	
NAME OF SECOND JOINT INVENTOR	32 Queens Square, Bristol BS1 4ND, United	
	Kingdom	
y tearprene my	Citizen of: Malaysia	
Signature of Inventor	Mailing Address: c/o Toshiba Research Europe	
2 /11/-11	Limited, 32 Queens Square, Bristol BS1 4ND, United	
X 11104	Kingdom	
/ Date		